


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID:	11188
Application ID:	09681425
Title of Invention:	Method and Apparatus for Monitoring Electrical Usage
First Named Inventor:	Rajaiah Karanam
Domestic/Foreign Application:	Domestic Application
Filing Date:	null
Effective Receipt Date:	2001-03-30
Submission Type:	Utility Patent Filing
Filing Type:	new-utility
Confirmation Number:	0
Attorney Docket Number:	03PM-9035
Digital Certificate Holder:	cn=Dave S. Christensen, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest:	gNX/kO2Rn9xwNylzBecqA==



TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 03PM-9035

Method and Apparatus for Monitoring Electrical Usage

First Named Inventor: Mr. Rajaiah Karanam

SUBMITTED BY

Name: Mr. Dave Scot Christensen
Registration Number: 40,955
Electronic Signature Mark: ~dsc Date Signed: 20010330

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

bibd-transmittal	03PM9035apds.xml
fee-transmittal	03PM9035fee.xml
specification	9035spec.xml
declaration	declaration.tif

Attached Image File(s):

declaration.tif

[illegible]

Comments:

Author	Year	Country	Sample Size	Age Range	Gender	Study Type	Findings
Wang et al.	2005	China	1,000	10-15	Both	Survey	High prevalence of internet addiction, associated with academic performance.
Lin et al.	2006	Taiwan	1,200	12-18	Both	Survey	Internet addiction linked to social isolation and depression.
Chen et al.	2007	China	800	16-20	Both	Survey	Internet addiction associated with family conflict and low self-esteem.
Yoon et al.	2008	South Korea	1,500	13-19	Both	Survey	Internet addiction related to school stress and peer relationships.
Chen et al.	2009	China	900	14-17	Both	Survey	Internet addiction associated with emotional instability and poor social skills.
Lin et al.	2010	Taiwan	1,100	11-16	Both	Survey	Internet addiction linked to family dysfunction and low academic achievement.
Wang et al.	2011	China	1,300	15-20	Both	Survey	Internet addiction associated with mental health issues and social withdrawal.
Chen et al.	2012	China	1,000	12-18	Both	Survey	Internet addiction linked to family conflict and low self-esteem.
Yoon et al.	2013	South Korea	1,400	13-19	Both	Survey	Internet addiction related to school stress and peer relationships.
Chen et al.	2014	China	950	14-17	Both	Survey	Internet addiction associated with emotional instability and poor social skills.
Lin et al.	2015	Taiwan	1,150	11-16	Both	Survey	Internet addiction linked to family dysfunction and low academic achievement.
Wang et al.	2016	China	1,250	15-20	Both	Survey	Internet addiction associated with mental health issues and social withdrawal.
Chen et al.	2017	China	1,050	12-18	Both	Survey	Internet addiction linked to family conflict and low self-esteem.
Yoon et al.	2018	South Korea	1,450	13-19	Both	Survey	Internet addiction related to school stress and peer relationships.
Chen et al.	2019	China	980	14-17	Both	Survey	Internet addiction associated with emotional instability and poor social skills.
Lin et al.	2020	Taiwan	1,180	11-16	Both	Survey	Internet addiction linked to family dysfunction and low academic achievement.
Wang et al.	2021	China	1,280	15-20	Both	Survey	Internet addiction associated with mental health issues and social withdrawal.

**COMBINED DECLARATION AND
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention "Method and Apparatus for Monitoring Electrical Usage" (Docket No. 03PM-9035) the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me which is material to patentability (as defined in 37 C.F.R. Sec. 1.56) in connection with the examination of this application. I also acknowledge the duty to disclose all information known to me to be material to patentability which becomes available between the date of the prior application and the national or PCT international filing date of any continuation-in-part application.

I hereby appoint Ronald E. Myrick, Reg. No. 26,315, Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. No. 24,030, and James W. Mitchell, Reg. No. 25,602, all of GENERAL ELECTRIC COMPANY, 3135 Easton Turnpike, Fairfield, CT 06431, Carl B. Horton, Reg. No. 34,622, Damian G. Wasserbauer, Reg. No. 34,749 and Dave S. Christensen, Reg. No. 40,955, all of GENERAL ELECTRIC COMPANY, 41 Woodford Avenue, Plainville, CT 06062, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith, I hereby direct that all correspondence and telephone calls in connection with this application be addressed to the said Carl B. Horton at GENERAL ELECTRIC COMPANY, 41 Woodford Avenue, Plainville, CT 06062, Telephone No. (860) 793-5127.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Rajaiah Karanam

Inventor's Signature: K. Rajaiah Date: 3/30/2001

P.O. / Residence Address: 233 Redstone Hill Road, Apt. C-17, Bristol, CT 06010

Citizenship: India

Full name of second inventor: Khalil Ebrahim Shaikh

Inventor's Signature: Khalil Shaikh Date: 3/30/01

P.O. / Residence Address: 34 Paper Chase Drive, Farmington, CT 06032

Citizenship: United States of America

Full name of third inventor: Henry George

Inventor's Signature: Henry George Date: 3/30/01

P.O. / Residence Address: 22 Skyline Drive, Farmington, CT 06032

Citizenship: United States of America

Full name of fourth inventor: Ronald Jerdonek

Inventor's Signature: Ronald Jerdonek Date: 3/30/01

P.O. / Residence Address: 188 Westmont Street, W. Hartford, CT 06117

Citizenship: United States of America

Full name of fifth inventor: Hawkins L. Cui

Inventor's Signature: Hawkins L. Cui Date: 3/30/01

P.O. / Residence Address: 256 Ridgefield Drive, Middletown, CT 06457

Citizenship: PR China

FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1118

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 07-0855



Deposit Account Name: GE ED&C - Carl Horton

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge the Issue Fee Set in 37 C.F.R. Section 1.18 at the Mailing of the Notice of Allowance

SUBMITTED BY

Authorized Name: Dave Christensen

Electronic Signature Mark: ~dsc

Date Signed:

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 36	103	\$ 18	16	\$ 288
Independent Claims: 4	102	\$ 80	1	\$ 80

[illegible]

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Page2 of 2